

TABLES TO SUBPART H OF PART 84

TABLE 1—DURATION AND SEQUENCE OF SPECIFIC ACTIVITIES FOR TEST 1, IN MINUTES
[42 CFR part 84, subpart H]

Activity	Service time—							
	3 min- utes	5 min- utes	10 min- utes	15 min- utes	30 min- utes	45 min- utes	1 hour	2, 3, and 4 hours
Sampling and readings	2	2	2	2	Perform 1 hour test 2, 3, or 4 times respectively.
Walks at 4.8 km. (3 miles) per hour.	3	5	3	4	8	12	18	
Sampling and readings	2	2	2	2	2	
Walks at 4.8 km. (3 miles) per hour.	3	5	8	12	18	
Sampling and readings	2	2	2	2	2	
Walks at 4.8 km. (3 miles) per hour.	6	13	16	
Sampling and readings	2	2	2	

TABLE 2—DURATION AND SEQUENCE OF SPECIFIC ACTIVITIES FOR TEST 2, IN MINUTES
[42 CFR part 84, subpart H]

Activity	Service time—							
	3 min- utes	5 min- utes	10 min- utes	15 min- utes	30 min- utes	45 min- utes	1 hour	2, 3 and 4 hours ¹
Sampling and readings	2	2	2	2	2
Walks at 4.8 km. (3 miles) per hour	1	1	3	4	6	10.
Carries 23 kg. (50 pound) weight over overcast	1 time in 2 minutes	1 time in 2 minutes	2 times in 4 minutes	3 times in 6 minutes	4 times in 8 minutes	5 times in 10 minutes.
Walks at 4.8 km. (3 miles) per hour	1	3	3	3	5.
Climbs vertical treadmill ² (or equivalent)	1	1	1	1	1	1	1	1.
Walks at 4.8 km. (3 miles) per hour	1	1	.....	.....	2	3	5
Climbs vertical treadmill (or equivalent)	1	.....	.....	.....	1	1	1.
Sampling and readings	2	2	2	2.
Walks at 4.8 km. (3 miles) per hour	2	2	3	5	11.
Climbs vertical treadmill (or equivalent)	1	1	1	1	1.
Carries 23 kg. (50 pound) weight over overcast	1 time in 2 minutes	3 times in 6 minutes	4 times in 8 minutes	5 times in 10 minutes	5 times in 10 minutes.
Sampling and readings	2	.....	.....	2	2	2.
Walks at 4.8 km. (3 miles) per hour	1	3	3	3	.....
Climbs vertical treadmill (or equivalent)	1	1	1	1	1	Then repeat above activities once.
Walks at 4.8 km. (3 miles) per hour	2	.....	.....	2	3	.....
Climbs vertical treadmill (or equivalent)	1	1	.....
Carries 20 kg. (45 pound) weight and walks at 4.8 km. (3 miles) per hour	1	2
Walks at 4.8 km. (3 miles) per hour	1	2	1	4

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TABLE 2—DURATION AND SEQUENCE OF SPECIFIC ACTIVITIES FOR TEST 2, IN MINUTES—Continued
[42 CFR part 84, subpart H]

Activity	Service time—							
	3 min- utes	5 min- utes	10 min- utes	15 min- utes	30 min- utes	45 min- utes	1 hour	2, 3 and 4 hours ¹
Sampling and readings	2	2	2	2	.....

¹ Total test time for Test 2 for 2-hour, 3-hour, and 4-hour apparatus is 2 hours.

² Treadmill shall be inclined 15° from vertical and operated at a speed of 1 foot per second.

TABLE 3—DURATION AND SEQUENCE OF SPECIFIC ACTIVITIES FOR TEST 3, IN MINUTES
[42 CFR part 84, subpart H]

Activity	Service time—							
	3 min- utes	5 min- utes	10 min- utes	15 min- utes	30 min- utes	45 min- utes	1 hour	2, 3 and 4 hours ¹
Sampling and readings .....	.....	.....	.....	2	2	2	2	(²)
Walks at 4.8 km. (3 miles) per hour .....	.....	.....	1	1	2	2	3	.....
Runs at 9.7 km. (6 miles) per hour	1	1	1	1	1	1	1	.....
Pulls 20 kg. (45 pound) weight to 5 feet .....	.....	15 times in 1 minute	.....	30 times in 2 minutes	30 times in 2 minutes	30 times in 2 minutes	60 times in 6 minutes	.....
Lies on side	1/2	1	1	2	3	4	5	.....
Lies on back	1/2	1	1	2	2	3	3	.....
Crawls on hands and knees	1	1	1	2	2	2	2	.....
Sampling and readings .....	.....	.....	2	.....	2	2	2	.....
Runs at 9.7 km. (6 miles) per hour .....	.....	.....	.....	1	1	1	1	.....
Walks at 4.8 km. (3 miles) per hour .....	.....	.....	.....	.....	2	8	10	.....
Pulls 20 kg. (45 pound) weight to 5 feet .....	.....	.....	30 times in 2 minutes	.....	60 times in 6 minutes	60 times in 6 minutes	60 times in 6 minutes	.....
Sampling and readings .....	.....	.....	.....	2	.....	2	2	.....
Walks at 4.8 km. (3 miles) per hour .....	.....	.....	1	.....	3	4	10	.....
Lies on side .....	.....	.....	.....	.....	.....	2	4	.....
Lies on back .....	.....	.....	.....	.....	.....	2	1	.....
Sampling and readings .....	.....	.....	.....	.....	2	2	2	.....

¹ Total test time for Test 3 for 2-hour, 3-hour, and 4-hour apparatus is 2 hours.

² Perform test No. 3 for 1 hr. apparatus; then perform test No. 1 for 1 hour apparatus.

TABLE 4—DURATION AND SEQUENCE OF SPECIFIC ACTIVITIES FOR TEST 4, IN MINUTES
[42 CFR part 84, subpart H]

Activity	Service time—									
	3 min- utes	5 min- utes	10 min- utes	15 min- utes	30 min- utes	45 min- utes	1 hour	2 hours	3 hours	4 hours
Sampling and readings	2	2	2	2	(²)	(³)	(⁴)
Walks at 4.8 km. (3 miles) per hour	1	2	2	2	.....	.....	.....
Climbs vertical treadmill ¹ (or equivalent)	1	1	1	1	1	1	1	.....	.....	.....
Walks at 4.8 km. (3 miles) per hour	1	1	1	2	2	2	.....	.....	.....
Pulls 20 kg. (45 pound) weight to 5 feet	30 times in 2 minutes	30 times in 2 minutes	30 times in 2 minutes	60 times in 5 minutes	60 times in 5 minutes	60 times in 5 minutes	.....	.....	.....
Walks at 4.8 km. (3 miles) per hour	1	1	1	2	3	.....	.....	.....

TABLE 4—DURATION AND SEQUENCE OF SPECIFIC ACTIVITIES FOR TEST 4, IN MINUTES—Continued
[42 CFR part 84, subpart H]

Activity	Service time—									
	3 min- utes	5 min- utes	10 min- utes	15 min- utes	30 min- utes	45 min- utes	1 hour	2 hours	3 hours	4 hours
Carries 23 kg. (50 pound) weight over overcast	1 time in 1 minute	1 time in 1 minute	2 times in 3 minutes	4 times in 8 minutes	.....	.....	.....
Sampling and readings	2	.....	2	2	2	.....	.....	.....
Walks at 4.8 km. (3 miles) per hour	1	3	3	4	.....	.....	.....
Runs at 9.7 km. (6 miles) per hour	1	1	1	1	1	1	.....	.....	.....
Carries 23 kg. (50 pound) weight over overcast	1 time in 1 minute	1 time in 1 minute	2 times in 3 minutes	4 times in 6 minutes	6 times in 9 minutes	.....	.....	.....
Pulls 20 kg (45 pound) weight to 5 feet	15 times in 1 minute	.....	.....	15 times in 1 minute	60 times in 5 minutes	30 times in 2 minutes	36 times in 3 minutes	.....	.....	.....
Sampling and readings	2	2	2	2	.....	.....	.....
Walks at 4.8 km. (3 miles) per hour	1	.....	1	.....	.....	2	6	.....	.....	.....
Pulls 20 kg. (45 pound) weight to 5 feet	60 times in 5 minutes	60 times in 5 minutes	.....	.....	.....
Carries 20 kg. (45 pound) weight and walks at 4.8 km. (3 miles) per hour	3	3	.....	.....	.....
Sampling and readings	2	2	.....	.....	.....

¹ Treadmill shall be inclined 15° from vertical and operated at a speed of 30 cm. (1 foot) per second.

² Perform test No. 1 for 30-minute apparatus; then perform test No. 4 for 1-hour apparatus; then perform test No. 1 for 30-minute apparatus.

³ Perform test No. 1 for 1-hour apparatus; then perform test No. 4 for 1-hour apparatus; then perform test No. 1 for 1-hour apparatus.

⁴ Perform test No. 1 for 1-hour apparatus; then perform test No. 4 for 1-hour apparatus; then perform test No. 1 for 1-hour apparatus twice (i.e., two one-hour tests).

Subpart I—Gas Masks

§ 84.110 Gas masks; description.

(a) Gas masks including all completely assembled air purifying masks designed for use as respiratory protection during entry into atmospheres not immediately dangerous to life or health or escape only from hazardous atmospheres containing adequate oxy-

gen to support life are described as follows:

(1) *Front-mounted or back-mounted gas mask.* A gas mask which consists of a full facepiece, a breathing tube, a canister at the front or back, a canister harness, and associated connections.

(2) *Chin-style gas mask.* A gas mask which consists of a full facepiece, a canister which is usually attached to the facepiece, and associated connections.